

WHAT IS CLAIMED IS:

1. An E-mail device comprising:

a first detection module of detecting that a plurality of multicast target mail destination addresses exist in a 5 hysteresis; and

a generating module of executing a process of generating a group formed of the plurality of mail destination addresses, corresponding to the detection.

10 2. An E-mail device according to claim 1, further comprising a second detection module of detecting that there does not exist the group corresponding to the mail destination addresses existing in the hysteresis,

15 wherein said generating module executes the process of generating the group if there does not exist the group corresponding to the mail destination address.

20 3. An E-mail device according to claim 1, wherein said generating module includes an adding module of adding the group name corresponding to the mail destination address to group management information.

25 4. An E-mail device according to claim 3, wherein said adding module includes a providing module of providing an occasion of registering the group name corresponding to the mail destination address.

5. An E-mail device according to claim 4, wherein said
adding module further includes a first registering module of
registering the group name inputted by a user in the group
management information on the occasion of registering the group
name.

6. An E-mail device according to claim 5, wherein said
adding module further includes a second registering module of
registering a piece of registration reject state information
10 in the group management information when the user rejects the
registration of the group name on the occasion of registering
the group name.

7. An E-mail device according to claim 4, further
15 comprising a setting module of setting an input count of the
mail destination address in the hysteresis in order to provide
the occasion of registering the group name.

8. An E-mail device according to claim 3, wherein said
20 adding module generates the group name by a predetermined
algorithm and adds this group name to the group management
information.

9. An E-mail device according to claim 1, further
25 comprising a selecting module of enabling the user to select
whether the process of generating the group is to be executed
or not.

10. A method of generating a group of mail addresses,
comprising:

detecting that a plurality of multicast target mail
5 destination addresses exist in a hysteresis; and
executing a process of generating a group formed of the
plurality of mail destination addresses, corresponding to the
detection.

10 11. A method of generating a group of mail addresses
according to claim 10, further comprising:

detecting that there does not exist the group corresponding
to the mail destination addresses existing in the hysteresis;
and

15 executing the process of generating the group if there
does not exist the group corresponding to the mail destination
address.

12. A method of generating a group of mail addresses
20 according to claim 10, further comprising:

adding the group name corresponding to the mail destination
address to group management information.

13. A method of generating a group of mail addresses
25 according to claim 12, further comprising:

providing an occasion of registering the group name
corresponding to the mail destination address.

14. A method of generating a group of mail addresses according to claim 13, further comprising:

registering the group name inputted by a user in the group
5 management information on the occasion of registering the group name.

15. A method of generating a group of mail addresses according to claim 14, further comprising:

10 registering a piece of registration reject state information in the group management information when the user rejects the registration of the group name on the occasion of registering the group name.

15 16. A method of generating a group of mail addresses according to claim 13, further comprising:

setting an input count of the mail destination address in the hysteresis in order to provide the occasion of registering the group name.

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17. A method of generating a group of mail addresses according to claim 12, further comprising:

generating the group name by a predetermined algorithm and adding this group name to the group management information.

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18. A method of generating a group of mail addresses according to claim 10, further comprising:

enabling the user to select whether the process of generating the group is to be executed or not.

19. A readable-by-computer medium recorded with a program,
5 executed by a computer, comprising:

a step of detecting that a plurality of multicast target mail destination addresses exist in a hysteresis; and

a step of executing a process of generating a group formed of the plurality of mail destination addresses, corresponding to the plurality of mail destination addresses.

10 to the detection.

20. A readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising:

15 a step of detecting that there does not exist the group
corresponding to the mail destination addresses existing in the
hysteresis; and

a step of executing the process of generating the group if there does not exist the group corresponding to the mail destination address.

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21. A readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising a step of adding the group name corresponding to the mail destination address to group management information.

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22. A readable-by-computer medium recorded with a program, executed by a computer according to claim 21, further comprising

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a step of providing an occasion of registering the group name corresponding to the mail destination address.

23. A readable-by-computer medium recorded with a program,
5 executed by a computer according to claim 22, further comprising
a step of registering the group name inputted by a user in the
group management information on the occasion of registering the
group name.

10 24. A readable-by-computer medium recorded with a program,
executed by a computer according to claim 23, further comprising
a step of registering a piece of registration reject state
information in the group management information when the user
rejects the registration of the group name on the occasion of
15 registering the group name.

25. A readable-by-computer medium recorded with a program,
executed by a computer according to claim 22, further comprising
a step of setting an input count of the mail destination address
20 in the hysteresis in order to provide the occasion of registering
the group name.

26. A readable-by-computer medium recorded with a program,
executed by a computer according to claim 21, further comprising
25 a step of generating the group name by a predetermined algorithm
and adding this group name to the group management information.

27. A readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising a step of enabling the user to select whether the process of generating the group is to be executed or not.